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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/649,099	08/26/2003	Woody K. Sattayapiwat Tang	M-12977 US	4957
32605 7590 10/10/2007 MACPHERSON KWOK CHEN & HEID LLP			EXAMINER	
2033 GATEWA	AY PLACE	DAHIMENE, MAHMOUD		
SUITE 400 SAN JOSE, CA	x 95110		ART UNIT	PAPER NUMBER
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			, MAIL DATE	DELIVERY MODE
			10/10/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

1) ⊠ Responsive to communication(s) filed on @5 March 2007. 2a) ☐ This action is FINAL. 2b) ☑ This action is non-final. 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213. Disposition of Claims 4) ☑ Claim(s) 3-18.27-35.37 and 40 is/are pending in the application. 4a) Of the above claim(s) is/are withdrawn from consideration. 5) ☑ Claim(s) 49 is/are allowed. 6) ☑ Claim(s) 3-18.27-35.37 is/are rejected. 7) ☐ Claim(s) is/are objected to. 8) ☐ Claim(s) are subject to restriction and/or election requirement. Application Papers 9) ☐ The specification is objected to by the Examiner. 10) ☐ The drawing(s) filed on is/are: a) ☐ accepted or b) ☐ objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. Priority under 35 U.S.C. § 119 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) ☐ All b) ☐ Some * c) ☐ None of: 1. ☐ Certified copies of the priority documents have been received. 2. ☐ Certified copies of the priority documents have been received in Application No application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received.		Application No.	Applicant(s)					
Mahmoud Dahimene 1765		10/649,099	TANG ET AL.					
The MAILING DATE of this communication appears on the cover sheet with the correspondence address — Period for Reply A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION. Extensions for many be available under the growing of 37 cRt 1-18(d), no event, however, any any by the limby filed in the provision of 37 cRt 1-18(d), no event, however, any any be timby filed in the provision of Claims 4) □ Claim(s) 3-18.27-35,37 and 40 is/are pending in the application. 4) □ Claim(s) 3-18.27-35,37 and 40 is/are pending in the application. 4) □ Claim(s) 3-18.27-35,37 and 40 is/are pending in the application. 4) □ Claim(s) 3-18.27-35,37 sis/are rejected. 7) □ Claim(s) 40 is/are allowed. 9) □ Claim(s) 3-18.27-35,37 is/are rejected. 7) □ Claim(s) 3-18.27-35,37 is/are rejected. 7) □ Claim(s) 3-18.27-35,37 is/are rejected. 7) □ The specification is objected to by the Examiner. Application Papers 9) □ The specification is objected to the structure of the provision o	Office Action Summary	Examiner	Art Unit					
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Application/Control Number: 10/649,099 Page 2

Art Unit: 1765

DETAILED ACTION

Claim Rejections - 35 USC § 112

The following is a quotation of the second paragraph of 35 U.S.C. 112:
 The specification shall conclude with one or more claims particularly pointing out and distinctly

claiming the subject matter which the applicant regards as his invention.

- 2. Claims 3-18 and 27-34 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite in that it fails to point out what is included or excluded by the claim language. The limitation "if any" (line 11, claim 3) is indefinite because the first agent is defined by a size and the reactivity with a first metal element, the limitation "if any" suggests the first metal may not be present. Claims 4-18 and 27-34 are also rejected since they depend on claim 3.
- 3. Regarding claims 8, 35 and 37. The term "relatively, chemically nonreactive" in claims 8 and 35 is a relative term which renders the claim indefinite. The term " relatively, chemically nonreactive " is not defined by the claim, the specification does not provide a standard for ascertaining the requisite degree, and one of ordinary skill in the art would not be reasonably apprised of the scope of the invention. Relative chemical reactivity of an agent should be compared at least to a standard reactivity.

Claim Objections

4. Claims 3-18, 27, 29, are objected to because of the following informalities:

5. Claims 3-18 contain paragraph starting with a letter and a number in parenthesis such as (a.1), (a.2), (b.1), (b.2), the purpose of such a numbering is not understood by the examiner. Appropriate correction is required.

- 6. In claim 27, the terms 1-to-10 and (1:10) are repetitive, same for 4-to-10 and (4:10). Appropriate correction is required.
- 7. In claim 29, the terms 1:4 and (25%) are repetitive. Appropriate correction is required.

Allowable Subject Matter

- 1. Claim 40 is allowed.
- 2. The following is an examiner's statement of reasons for allowance:

Regarding claim 40, the closest prior art of record of Chen et al. (US 5,661,083) does not disclose or suggest chemically reactive particles of a plasma which include chlorine particles for removing residues, and with the rest of the limitations of claim 40.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mahmoud Dahimene whose telephone number is (571)

Art Unit: 1765

272-2410. The examiner can normally be reached on week days from 8:00 AM. to 5:00 PM..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nadine Norton can be reached on (571) 272-1465. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

NADINE NORTON SUPERVISORY PATENT EXAMINGA ART UNIT 1765

Page 4